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Digital Voice Recorder
User Manual

DVR 7

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Function overview

- One-key recording.
- Three recording modes.
- LP is hold and recording, ACT format
- SP is good quality recording & Voice Activated recording, WAV format.
- HP is high-Quality recording, MP3 format
- Recording monitor and hearing aid function.
- USB plug & play, no need USB cable.
- Record telephone conversations.
- Record via external microphone.
- Automatic recording-section-break function.
- Recording time setting function.
- Work as Music player.
- Low-battery indication.
- Built-in speaker.
- Work as USB flash disk.
- FM radio (Selectable)
- A-B marker repeat function.
- Built-in lithium battery.

Technical specifications

Size：96mm*30mm*13mm		Weight：34g
Power：lithium battery 3.7V 180mAh		
Flash memory：FLASH 128MB to 2GB		
Sampling rate: LP 8Kbps - SP 32Kbps - HP 128Kbps		
Recording time	1GB：LP 280 hours/SP 70 hours/HP 17 hours	
	2GB：LP 560 hours/SP 140 hours/HP 34 hours	
FM radio(Selectable)：87.0～108MHz		
Frequency response 20Hz～20KHz		
MP3 signal rate 80db		
Maximum output: 10mw(L)+10mw(R)		

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Precautions

- Please turn off the recorder and push the power switch to “OFF” side if you are not using the recorder for a long time.
- Please recharge the battery properly when the low-battery indication shows on the screen.
- Please read the instruction manual carefully before using. Please keep it away from moisture and high temperature, and don’t put it near the fire.
- Please avoid strong vibration or shocks when using the recorder. Do not press the screen forcefully. Otherwise it may cause damage of the LCD screen and improper work of the screen display.
- If there’s any quality problem with the recorder, please contact with our company or your local distributor. Please don’t disassemble or replace the internal parts yourself.
- Please backup the files before sending the recorder for repair. We are not responsible for the lost of files which caused by repair and other reasons. .
- We are not responsible for the users’ recording without others’ approval.
- We reserve the right to modify the design and specifications. We have no responsibility to give separate notice for the modification.

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Appearance and buttons

(1) Play/stop playing (⏯)

(2) Menu/Delete（M ）

(3) Forward (⏭)

(4) Backward (⏮)

(5) Record（REC）

(6) Volume（+）

(7) Volume（-）

(7) Power Switch（OFF/ON)

(9) Earphone (🎧)

(10) Signal-in (🎤)

(11) Screen

(12) USB plug

(13) indicator light

(14) Built-in Microphone

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Operation

Turn on the recorder

If the power switch is at the OFF side. Push the power switch（OFF/ON）to the “ON” side. The screen will light up in 5 seconds, the recorder is turned on.

Hold and press ⏯ button when the recorder is off, the recorder is turned on.

If there are SP and LP recording files, the recorder will enter into standby Playing mode for recording files. The screen shows picture (top):

If there is no SP or LP recording in the recorder. The screen shows picture (bottom):

Turn off the recorder

Hold and press⏯ button at standby mode, the screen shows OFF (as the following picture). The recorder is turned off.

Low battery indication :

The symbol will flash on the screen if the battery is low. The recorder will be turned off automatically in about 30 seconds. If the recording is in progress while the recorder is turned off due to low battery, the recording will be saved automatically in the recorder. Please recharge the battery.

One-key Record /stop recording

Press “REC” button at the standby mode to start recording.

Screen shows REC, the recorder enters into SP recording mode.

The indicator light is flashing. It begins recording. Repress “REC” button to stop recording.

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SP recording mode is the defaulted recording mode in the recorder. And it is also defaulted as Voice Activated Recording.

Setting the recording mode

Setting recording mode: Press “Menu” button to enter into the main menu. Press the ⏮ or ⏭ button to select the recording modes.

Press “M” button to confirm the selection.

Following are the screens of recording modes: (the sign of recording mode LP SP HP flash on the screen when different modes are selected)

- LP : Hold and recording, ACT format
- SP : Good quality with Voice Activated recording, WAV format
- HP: High quality recording, MP3 format.
- SP recording mode is defaulted as Voice Activated recording. The VAR sensitivity can be adjusted according to the environment.

Adjusting the sensitivity of VAR:

After entering the SP recording mode. Press the “REC” button to record, re-press “REC” button to stop recording, then press ⏮ or ⏭ to select the levels of VAR according to your needs, minimum is 0 and the maximum is 4. Repress the “REC” to restart recording after finishing adjustment. The defaulted VOR sensitivity level is “0”.

VOS will flash when there’s no sound input after 3 seconds of silence. The recording time pauses. The recording pauses. It

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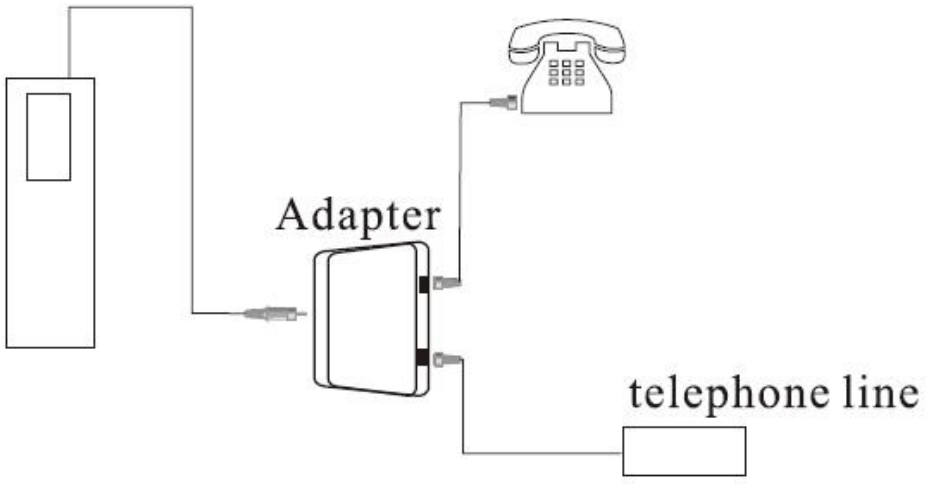
will automatically start recording when the microphone detects sound input. The screen shows:

Attention: When screen shows “FUL”, it indicates the disk is full or the battery is low. Please check which it is by connecting to the PC. If the memory is full some files should be deleted to keep enough space to save new recording files & other PC files. The recorder can save 200 individual pieces of recording files.

Attention: Please don’t switch off the power when recording is in progress. It will cause the loss of the recording messages or may lead to a corrupt file. The recorder will then have an issue starting. If this problem occurrs, please format the recorder on the computer and delete all files off the recorder.

After formatting, the recorder can start again properly. We are not responsible for the loss of recording messages caused by fault use.

Recording telephone conversations



Step 1. Insert the telephone line and phone connecting line in the telephone adaptor.
Step 2. Insert one end of the line-in cable into the telephone adaptor, the other end insert to the jack.

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Step 3. Select the suitable recording mode in the recorder. Press “REC” button to start recording.

Record through external Microphone:

Step 1. Insert the external Microphone in the Jack.
Step 2. Turn on the recorder. Press “REC” button to start recording.

Record audio via Line-in:

Step 1. Connect one end of a stereio line-in cable with the audio output of external player and the other end with jack of the recorder.

Step 2. To select the recording mode first, after that press “REC” button to start recording, then turn on the external player and play the audio files, the sound it plays will be recorded.

Recording monitor function

Listening with earphone when the recording is in progress, you can hear what you are recording and various effects of recording in different modes.

Hearing aid function:

For the person whose hearing is not so good, the monitor volume can also be adjusted for use as a hearing aid.

Adjusting the monitor volume: Press the “REC” to stop the recording and then press the VOLUME + or VOLUME - to select the volume according to your need, the minimum is 0 and the maximum is 31. After finishing the adjustment, press “REC” to start recording.

Please Note: HP recording mode does not have hearing aid function.

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Automatic section-break

After recording for a full 4 hours, the recorder will automatically start a new file to continue recording.

Play LP & SP recordings.

Press ⏮ or ⏭ button in the main menu to select the recording file menu “VOS”. Press “M” button to enter into the recording file menu. Press ⏯ to play the recordings. Re-press ⏯ to pause / stop playing.

Press ⏯ after stop recording to play the present recordings. Re-press ⏯ to pause / stop recording.

Play HP recordings.

Please Note: The HP recordings are in mp3 music file format and are played back via the mp3 player mode (see music player section). The recording files are with “HP” show on the screen.

Press ⏮ or ⏭ button in the main menu to select the music file menu . Press “M” button to enter into the sub-menu. Press ⏮ or ⏭ button to select the HP recordings. Press ⏯ to play. Re-press ⏯ to pause / stop recording.

Adjust volume:

Press “volume+/volume-” button to adjust the volume.
Select the recording to play :

Press ⏭ button for next recording when recording is playing. Press ⏮ button for last. Hold and press ⏮ or ⏭ for fast forward or backward.

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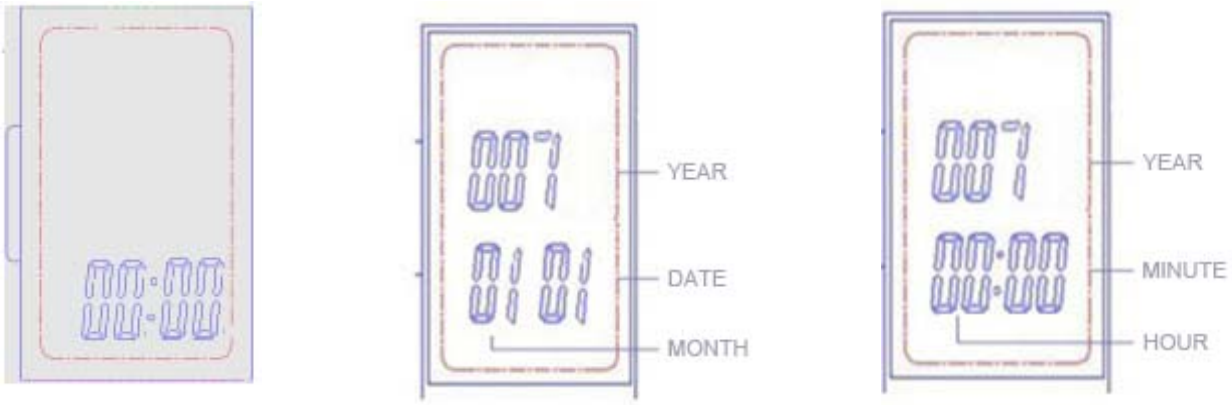
Record-time setting

Press ⏮ or ⏭ button at standby mode to select the time-setting mode :

Press “M” button to enter in. Press ⏮ or ⏭ button to select the part which should be adjusted. The selected part will flash. Press “VOL+/VOL-” button to adjust the part.



After finishing setting the time, the recorder will automatically confirm the setting. The recorder will come back to the main menu in 10 seconds or press “M” button to enter into the main menu.

Check the recording time

Please upload the recording files to the computer. When the files are fully transferred right click the mouse over the recording file and open “Properties” of the recording . You can check the time data of the recording file:
The creation time is the time when recording started.

- The modified time is the time when recording stopped
- The access time is the time when the recording files uploaded to the computer.

Please Note: There is no clock memory function in the recorder, the time which is indicated would be a little different with daily time, please reset the time when you need this function.

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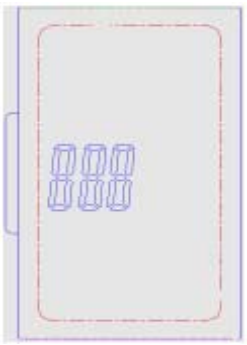
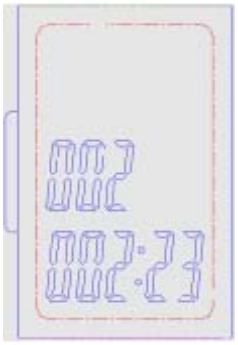
Music player Mode

To enter into music mode press ⏮ or ⏭ button at standby mode to select the Music plater, as picture 1. Press “M” button to enter into the music standby mode as picture 2.



1



2

Please Note: If there’s no music or HP recording in the recorder. The recorder will back to main menu after press “M” button.

Play and stop playing music:

Press ⏯ button to start playing after enter into music mode.

Repress ⏯ button to stop playing.

Adjust volume:

Press “volume+/volume-” button to adjust the volume.
Select the music to play :

Press ⏭ button for next recording when recording is playing.

Press ⏮ button for last.

Hold and press ⏮ or ⏭ for fast forward or backward.

A—B repeat

To replay certain sections of a recording you can mark specific start and end points to loop the playback.

Select A---B : Press “REC” button when playing a recording to confirm point “A”, repress “REC” button to confirm point “B”. The recorder starts to repeat from A to B.

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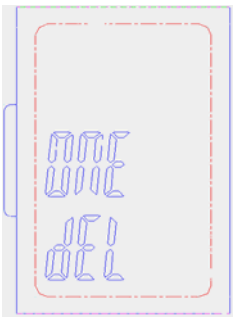
Stop repeating : The recorder it will repeat all the time when repeating recorded files. Press “REC” button or press “M” button to stop repeating playback. The recorder will automatically stop repeating after playing a section for 3 times when repeating music files.



Delete

In the recording and playing mode, select the file which should be deleted. Press “M” button for 3 seconds to delete the one you selected. The screen shows:

Repress “M” button to confirm the deletion :

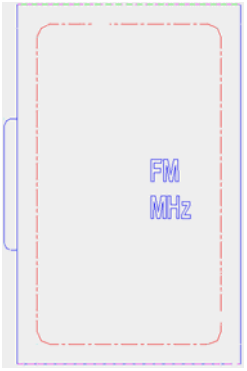
Attention : After entering in the “Delete” mode, no further operations on the recorder within 3 seconds, the recorder will automatically exit delete mode.

Attention: Please backup the important files in the computer before deleting or formatting the recorder.

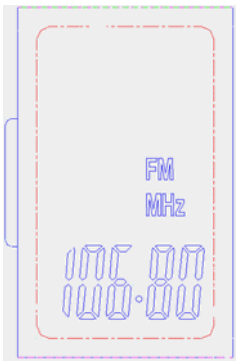
FM radio:

Please Note : Please use the earphones which accompany the recorder when listening to FM radio (the earphone is used as an aerial).

Press ⏮ or ⏭ button at standby mode to select the FM radio mode, as picture 1. Press “M” button to enter into FM radio, as picture 2.



(1)



(2)

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Scan Channel: Briefly press ⏮ or ⏭ button for manual scanning. Press and hold ⏮ or ⏭ button for automatic scanning. If the channel is scanned, the recorder will stop to playback the channel automatically.

Save the scanned channel:

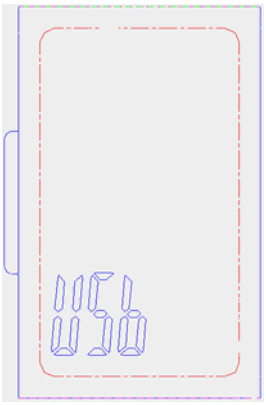
Briefly press “REC” button to save the channel when recorder has scanned and found the new radio channel. After saving the channel, press ⏯ button to play the saved channels.

E.g. Press ⏯ button once, it will play the first channel “P01”. Repress for next channel “P02”.

Delete the saved channels: Press and hold the “M” button for about 3 seconds, then repress “M” button to confirm the deletion of all saved channels.

Connect with the computer

Please insert the USB plug into USB port of computer, the screen of recorder shows below interface:



The recorder can be used as a USB flash disk. It can easily transfer recordings to the computer and PC files to recorder. It is support Windows98/Me/2K/XP/Vista. The driver should be installed if the computer is Windows98 or below.

USB Power

The recorder can be USB power supplied. Press “M” button when connected with the computer, the recorder disconnects from the USB interface, it comes to main menu or recording file mode, it can be operated as usual. The speaker can not work when the recorder works with USB power supply. Please use earphone for listening, or Playback on the computer.

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Recharge the battery

Please insert the USB plug into the recharger. Insert the charger into the AC plug (110V-250V). The recorder's indicator light light up, the recharger's red and green indicator light up indicates power recharge is proceeding. After the recharge is over. The recorder's indicator light will off, the recharger's red indicator light will off also. And " FUL" will display on the screen of recorder:

Please use up the power before the first recharge. Please recharge the battery for more than 6 hours to prolong the battery life at the first recharge.

The recorder can be recharged via computer USB. The indicator light of the recorder is light uped during recharge, indicator light off when recharge over. And the recorder displays "FUL" on the screen.

Install the Sound Conversion tools to the computer

On earlier operating systems, Windows 98 or before you may need to install USB drivers for your PC to work with USB devices.

Place the accompanying CD into the CD ROM of PC (or manually operate the "set up. exe" in the CD), enter in installation interface, click "Next" button, click "Next" button after selecting installation path. Click "Next" to start installing the program. After successful installation, click "Close" button to fulfill software installation. To start from PC's "Start" → "Program"→ "MP3 Player Upgrade、Sound Convert". MP3 Player Upgrade is an upgrade tool. Sound Convert is for converting the ACT file to WAV file. MP3 player Disk Tool is for setting the password for the disk.

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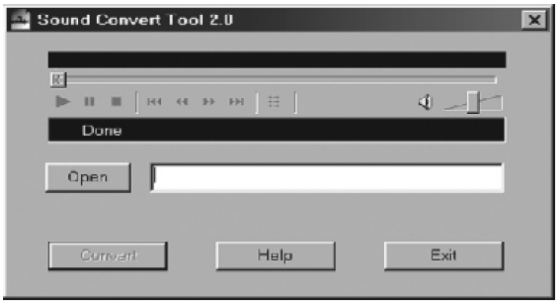
Installation of drivers

Place the accompanying CD into the CD ROM of PC (or manually operate the “set up. exe” in the CD), enter in installation interface, click “Next” button, click “Next” button after selecting installation path. Click “Next” to start installing the program. After successful installation, click “Close” button to fulfill software installation. To start from PC’s “Start” → “Program”→ “MP3 Player Upgrade、Sound Convert”. MP3 Player Upgrade is an upgrade tool and Sound Convert is for converting the Voice Files, MP3 player Disk Tool is for setting the password for the disk.

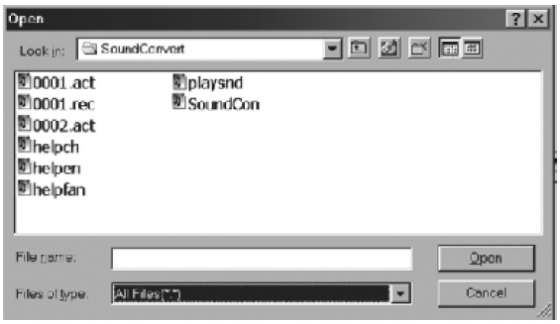
Convert ACT recording file into * WAV format

The ACT format file recorded by the recorder can be converted into WAV format via the accompanying installation program tool kit.

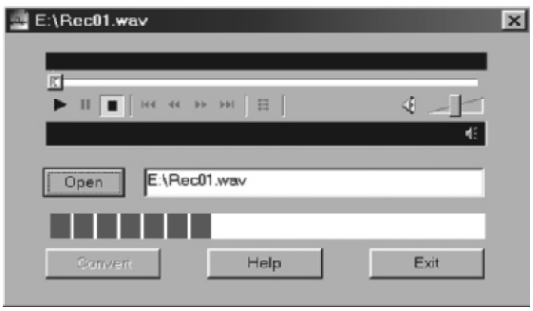
1. Run “Sound Converter” program, and click “Open” button



2. Select the ACT file to be converted



3. Click “Convert” button to start converting into WAV file



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Attention: Before converting the ACT file, please rename or backup the recording file in WAV format which has the same code with ACT format need to convert.
For example: We want to convert “REC001 ACT” to WAV format. Before converting it, we have to rename the “REC001”. Otherwise the new file “REC001” created by converting will replace the original “REC001”.

Trouble shooting

The recorder cannot turn on.

Please check the power switch is at the “ON” side or if there is enough battery, please recharge the battery or reformat the recorder. Check that the Hold button is not on.

No sound is heard when playing files.

Please make sure the connection of earphone is OK. Please adjust the volume or check the file to see if the file is damaged/corrupted

It will not record.

Please format the recorder at FAT system. But please backup the important files onto your pc/laptop before formatting. All data is wiped from the recorder

The recorder is frozen, can not response.

Please take out the battery and put them back after 3 second. Then connect the recorder with PC via USB cable. Format the recorder at FAT system. But please backup the important files before formatting.

It will not connect with my PC, it can’t be recognized.

Please check whether there’s something wrong with the USB cable, use a spare if you have one. If you are on an old Operating system please check that the OS USB driver has been installed properly.

The FM Radio is not very clear

Please adjust the position of earphone and recorder.

More support and FAQ are available in the UltraDisk support area; please visit www.ultradisk.co.uk or your vendor for direct support.

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